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P. Keleher, A.L. Cox, S. Dwarkadas, W. Zwaenepoel - Proceedings of the USENIX Winter 1994 Technical Conference ..., 1994 - portal.acm.org

... With lazy diff creation these pages remain writable until a diff ... holds the lock or did the last release on it, possibly after forwarding by the lock manager. ...

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[Lazy Release Consistency for Software Distributed Shared Memory](#) - all 30 versions »

P. Keleher, A.L. Cox, W. Zwaenepoel - Computer Architecture, 1992. Proceedings., The 19th Annual ..., 1992 - IEEEexplore.ieee.org

... by piggybacking data movement on lock transfer messages ... The directory manager forwards the request to the ... Page 3 4 Lazy Release Consistency 4.3 Data Movement ...

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M. Costa, P. Guedes, M. Sequeira, N. Neves, M. Castro - ACM SIGOPS Operating Systems Review, 1996 - usenix.org

... TreadMarks implements lazy release consistency by ensuring that if interval x precedes interval y (according to ...) It sends a request message to the lock manager. ...

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Y. Zhou, L. Itode, K. Li - usenix.org

... The AURC protocol [16] implements Lazy Release Consistency without ... After acquiring the lock, the compute processor of ... either the external memory manager or the ...

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P. Keleher - 1995 - cs.umd.edu

... The manager process passes the address of the shared region to ... operations Tmk lock acquire and Tmk lock release, Tmk barrier ... 2.2 Lazy Release Consistency ...

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S.V. Adve, A.L. Cox, S. Dwarkadas, R. Rajamony, W. ... - Proceedings of the Second High Performance Computer ..., 1996 - doi.ieee.org

... entry consistency (EC) and lazy release consistency (LRC), two relaxed memory ... We identify, in particular, extra synchronization, lock rebinding, and object ...

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P. Keleher - Proceedings of the 16th International Conference on ..., 1996 - doi.ieee.org

... We use lazy release consistent protocols for this study ... in IVY [131 and the eager release consistent protocol ... lock, the case where the lock manager is also ...

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G. Suresh, R. Janssens, W.K. Fuchs - Urbana - doi.ieee.computersociety.org

... else send acquire request to lock manager; receive write ... log to stable storage; wait until lock is released ... Pseudo-code for logging with lazy release consistency ...

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S Karlsson, M Brorsson - Proceedings of 1998 Workshop on Communication, Architecture, ..., 1998 - Springer

... 1. The Lazy Release Consistency protocol in TreadMarks defers the ... The release of lock A will not result in ... holder of the lock (via a lock manager) and requests ...

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[ps] Home Migration in Home-Based Software DSMs - all 8 versions »

WHW Shi, Z Tang - Proc. of the 1st Workshop on Software Distributed Shared ..., 1999 - cs.wayne.edu

... well accepted software DSM protocols such as lazy release consistency (LRC ... pages, a release message is sent to the associated lock manager to release the lock ...

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Key authors: P Keleher - W Zwaenepoel - A Cox - S Dworkadas - H Lu

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